

Beta Pulse Tig 315

TIG/ Stick MMA Welding
Power Source with HF

Applications <ul style="list-style-type: none"> • Aerospace • Maintenance • Process Pipe work • Plant Construction • Petrochemical Industry • Catering Equipment • Beverage/Dairy Industry 	Processes <ul style="list-style-type: none"> • D.C. Tig Welding • D.C. Pulsed Tig Welding • Stick (MMA) Welding 	Input Power: 380v 3ph. 50/60Hz Output Power Range: 5—315amps D.C. Weight: 32 Kg Dimensions: 565 x 283x 495 mm
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Beta Pulsed TIG 315

Uses the latest IGBT Inverter technology to produce a powerful, lightweight welding machine with an industrial duty cycle.

Ideal for many applications where portability and space/weight requirements are restricted.

This 60% duty cycle machine is capable of D.C. Tig Welding (HF Start), D.C. Pulsed Tig Welding and MMA (Stick) welding.

Ideal for DC Tig Welding on Stainless Steels, Nickel Alloys, Carbon and Low Alloy Steels, Copper/Copper alloys.

The smooth D.C. output gives a crisp stable arc characteristic resulting in high integrity controllable TIG welds ideal for applications where quality is paramount

Pulsed output gives excellent control of root penetration and tie-in of welds.

The infinitely variable output and digital display allows the user to accurately match the requirement of various joint configurations and material thicknesses.

Built in thermal overload protection



- HF Arc Starting
- High Quality
- Inverter Technology
- Industrial Duty cycle
- Portable
- Infinitely variable
- In-built Pulse Control
- In-built Slope Control
- In-built Gas post-flow control
- Three Phase input
- CE marked & certified

Beta Century

“A new name in welding machines backed by 70 years of experience to give you better value and reliability “

Beta Century

Beta Century (UK) Ltd.
Leading Suppliers of High Technology
Welding & Plasma Cutting Machines

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Specifications (Subject to alteration without notice)

Technical Information

Input power voltage (V)	AC 380V +- 15% 3ph.
Frequency (Hz)	50/60
Input Rating (KVA)	9.0
Open Circuit Voltage (OCV)	54
Output Current range (A)	5—315
Rated Output Voltage (V)	18.0
MMA Rated Output Voltage (V)	23
Duty Cycle (%)	315 Amps @ 60%
Arc Starting	HF (High Frequency)
No-Load power (W)	100
Efficiency (%)	85
Power factor (COS ϕ)	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	32
Overall dimensions (mm)	565 x 283 x 495
Postflow time (S)	1—10
Pulse Frequency (Hz)	MH 2.5—250 LH 0.25—2.5
Up-slope Time	0—10
Down -slope Time (S)	0—10
Base Current (A)	5—315
Start Current (A)	5—315
Final Current (A)	5—315

Warranty

This equipment is warranted against failure occurring due to faulty workmanship or materials and comes with a 2 year return to base warranty from date of purchase.

Package includes: -

- **Power Source**
- **Primary Cable**
- **8m Gas Cooled Tig Welding Torch & Cable**
- **Earth clamp & cable with European standard connecting plugs**

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